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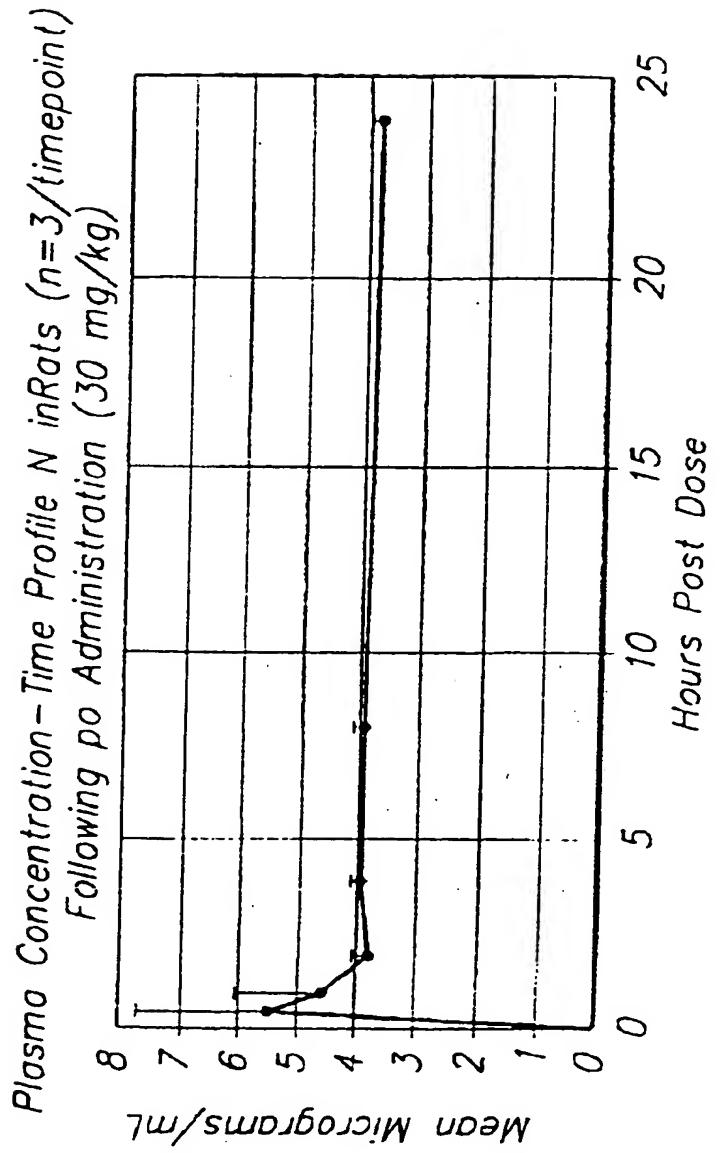


Figure 1

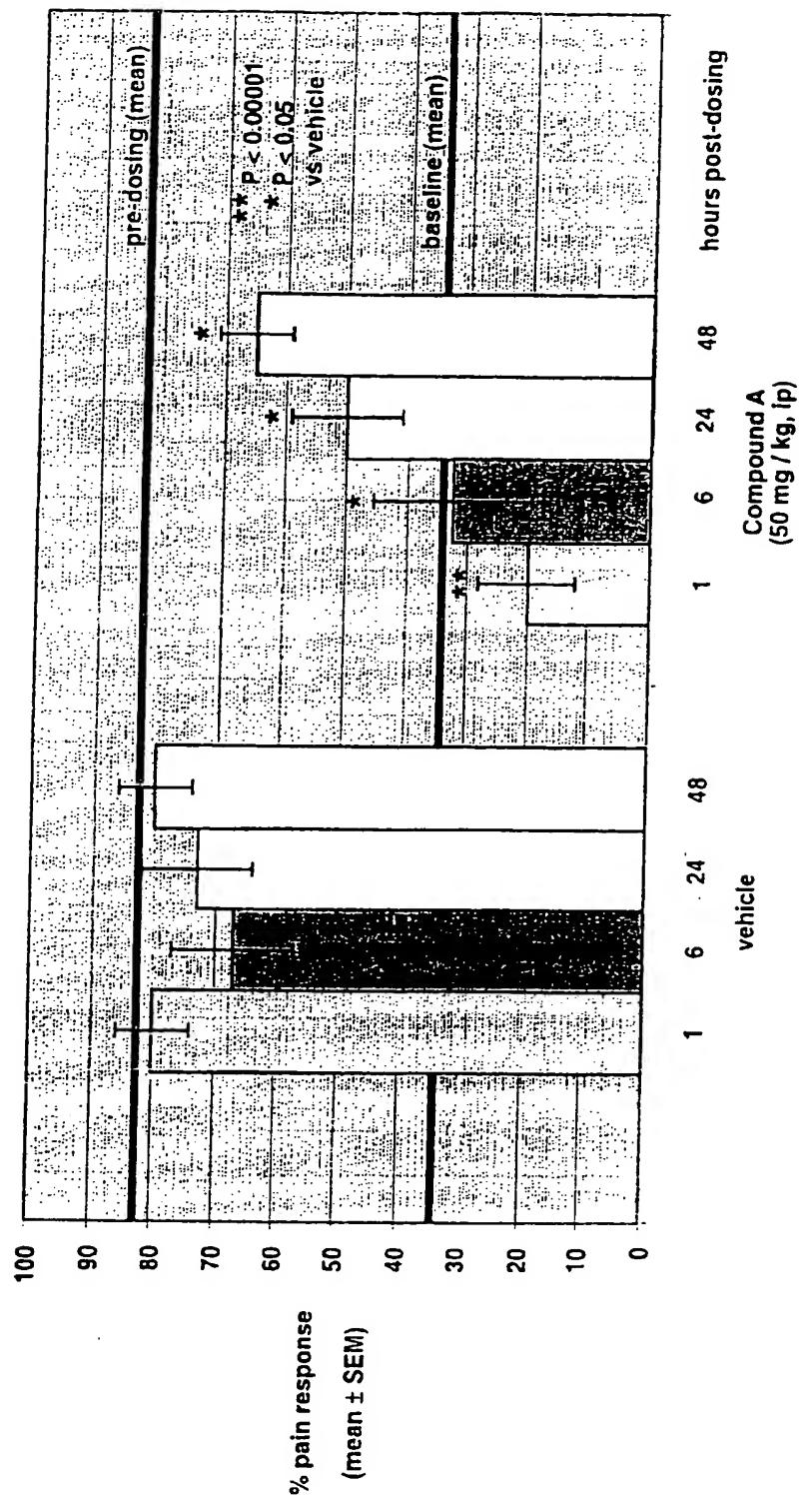
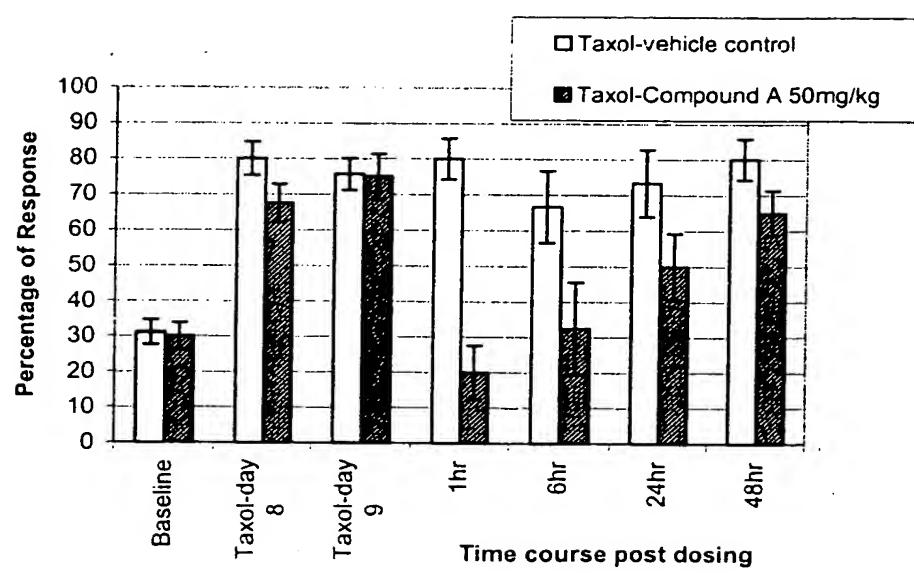
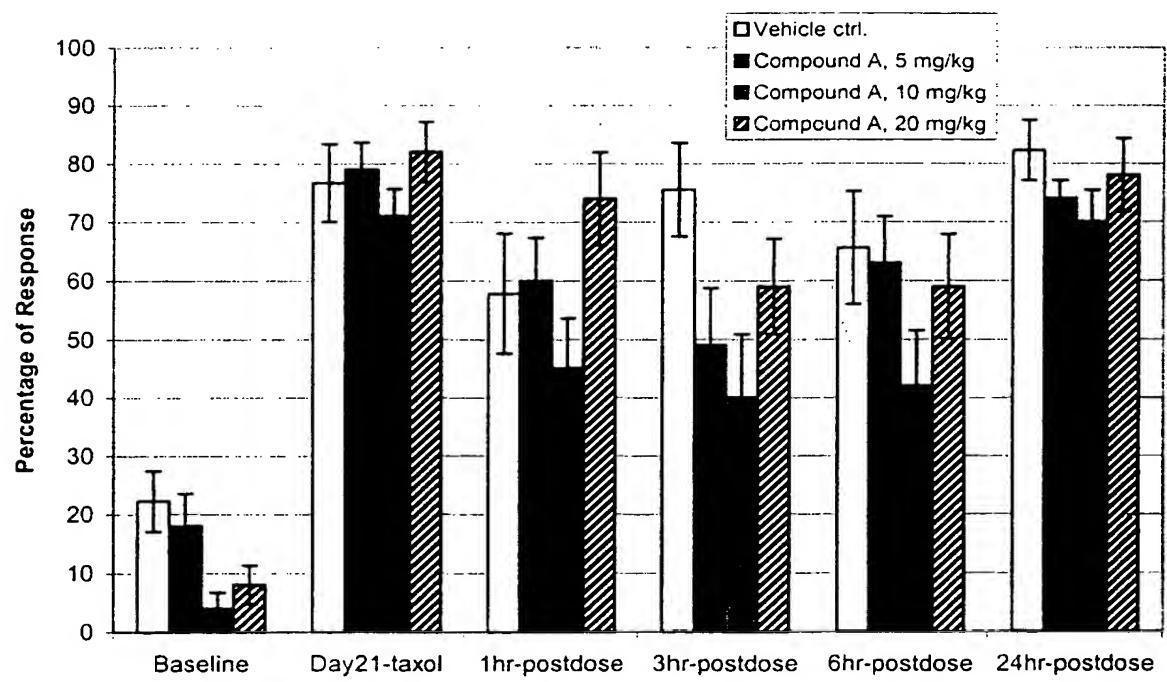


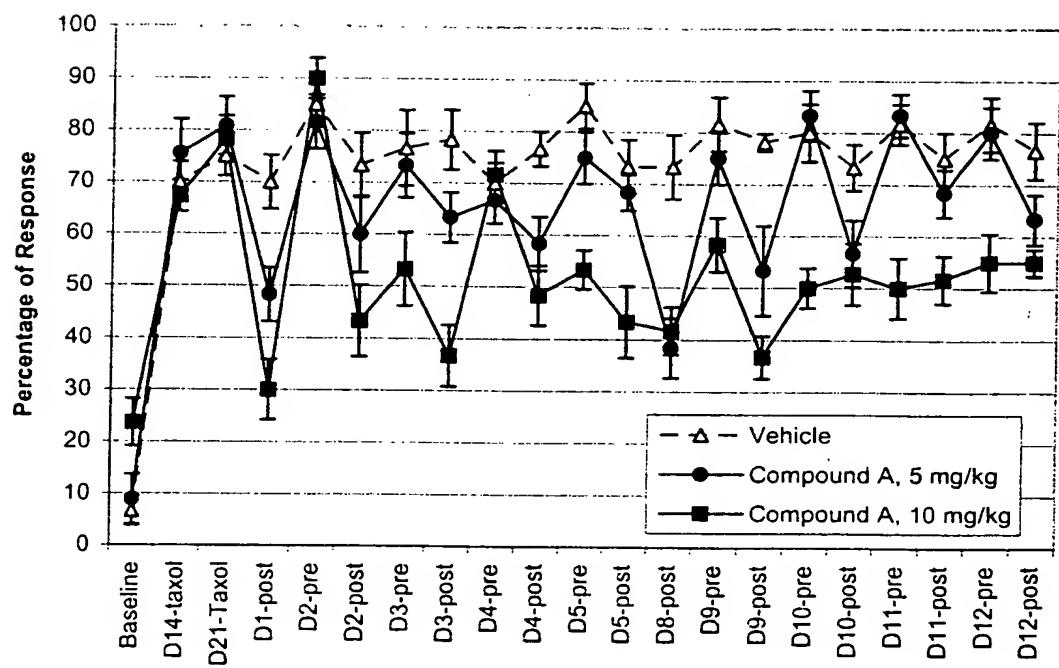
Figure 2



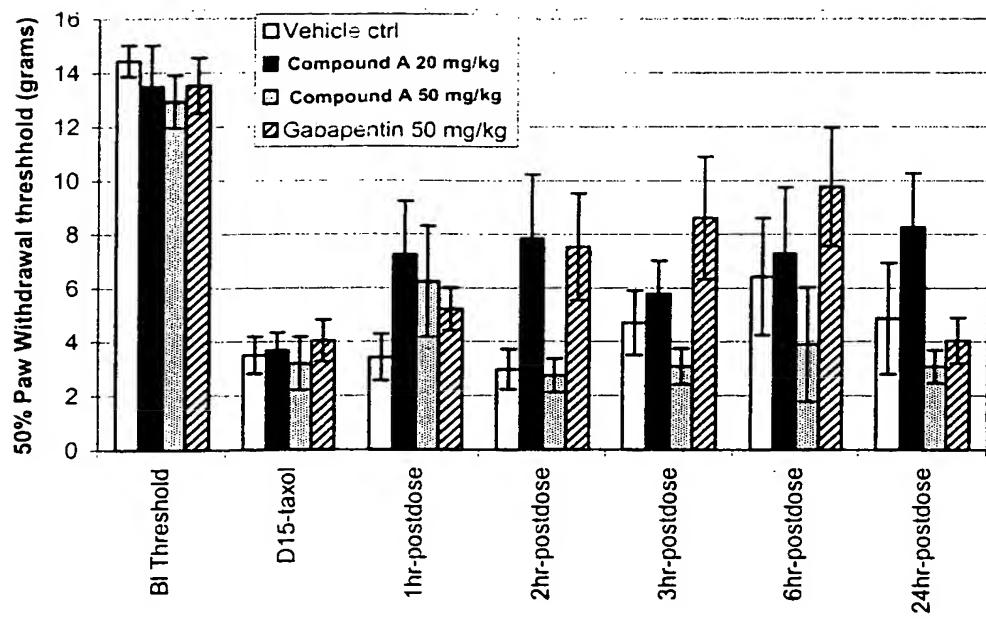
**Figure 3**



**Figure 4**

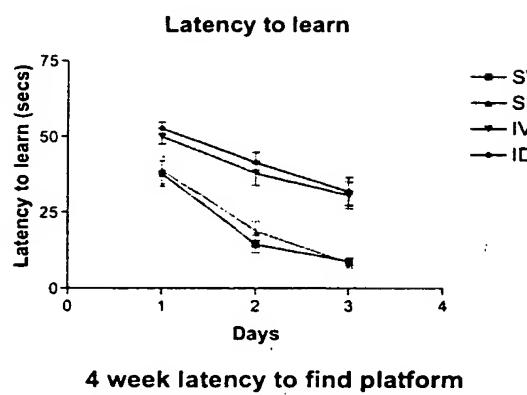
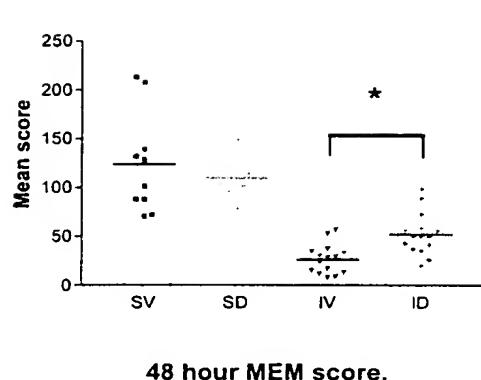


**Figure 5**



**Figure 6**

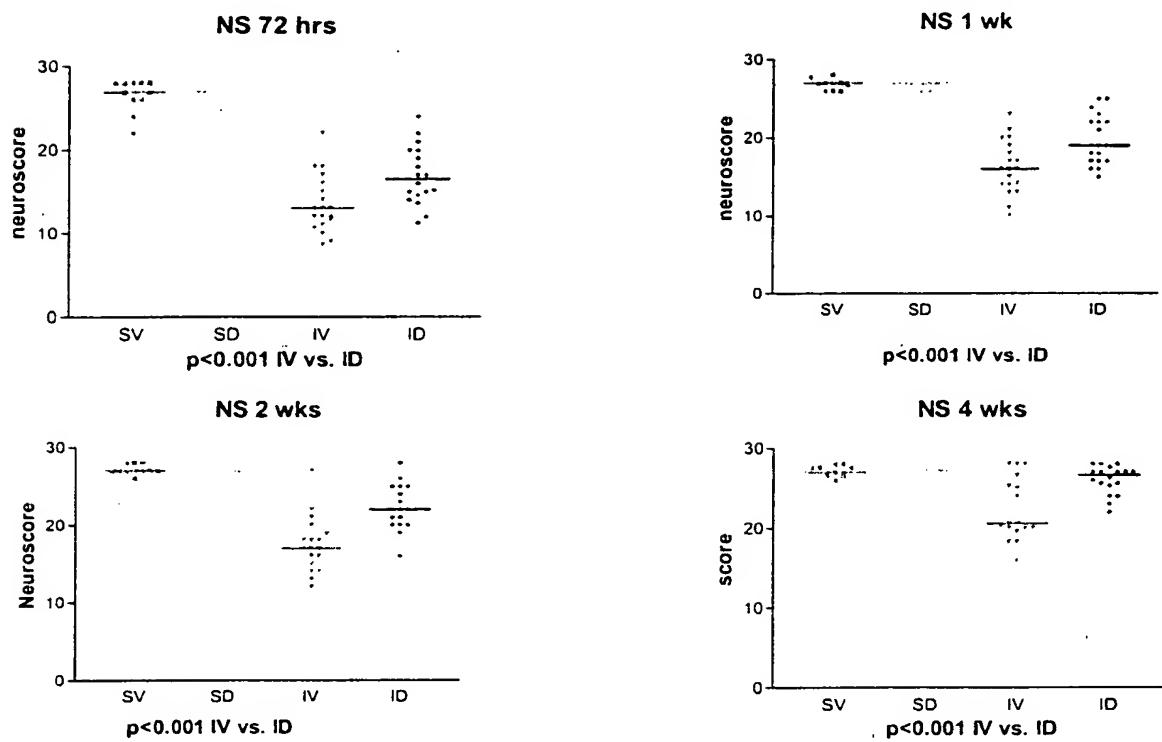
### Cognition Test Results (Study 1)



SV=sham vehicle, SD=sham drug, IV=injured vehicle, ID= injured drug

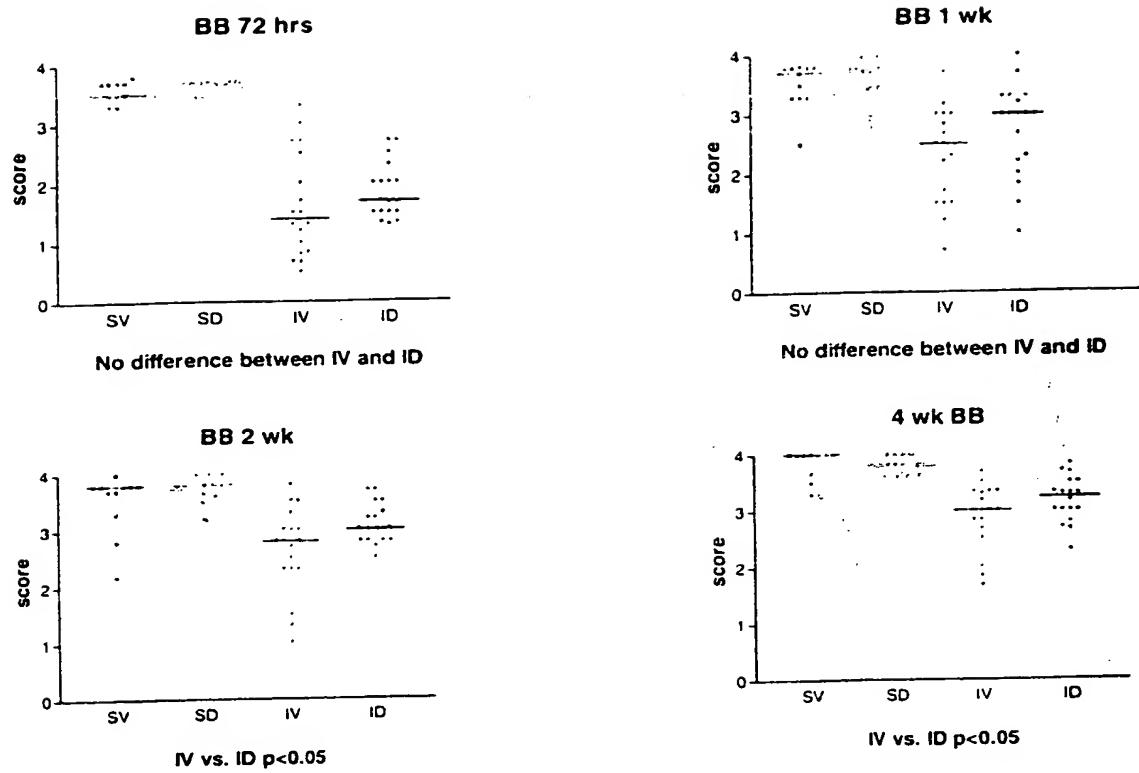
**Figure 7**

**Composite Neuroscore (Study 1)-Compound A effect observed at all timepoints.**

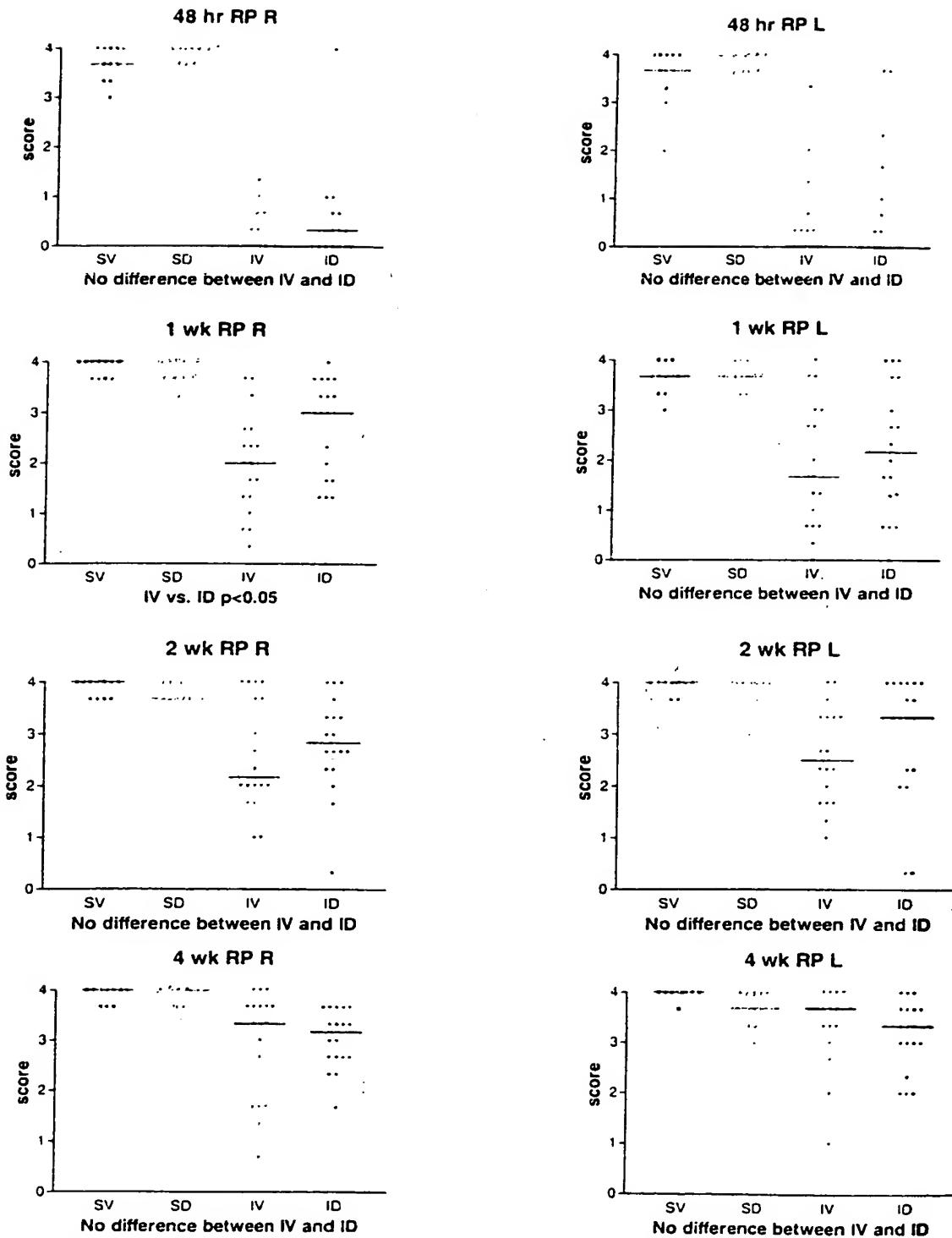


**SV=sham vehicle, SD=sham drug, IV=injured vehicle, ID= injured drug**

**Figure 8**

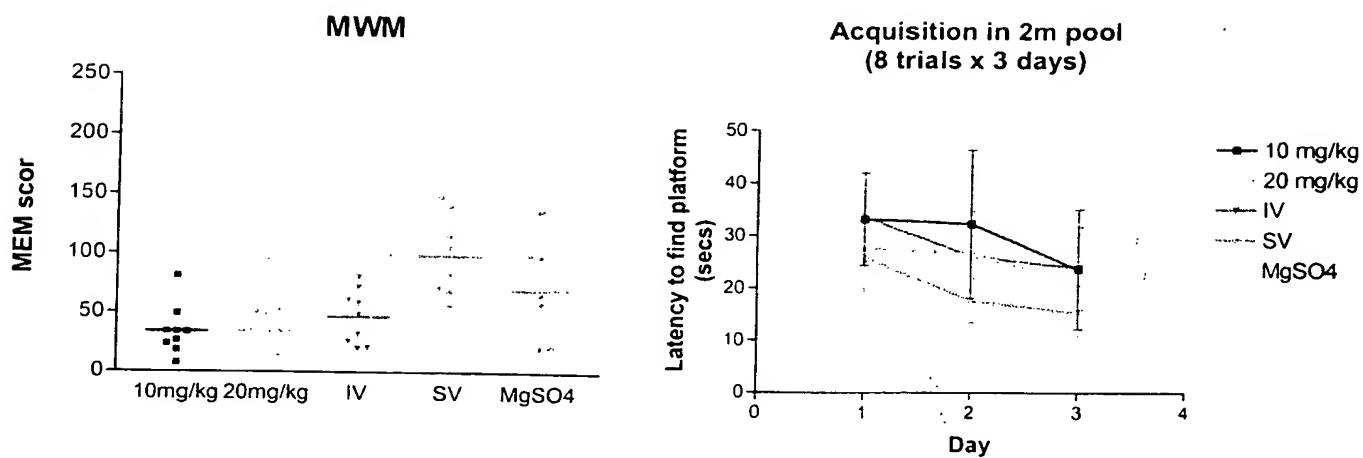


**Figure 9**



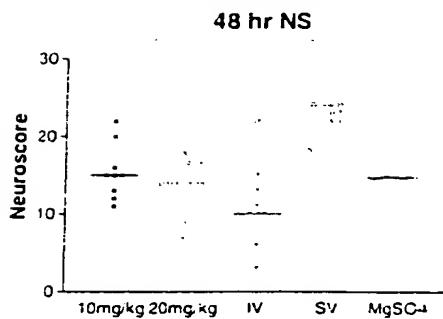
**Figure 10**

### Cognition test results (Study 2.)

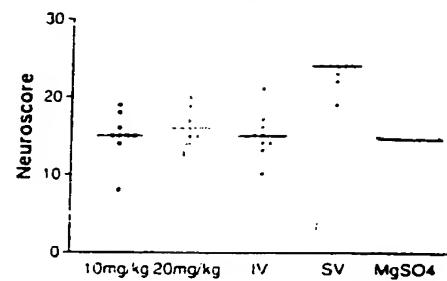


**Figure 11**

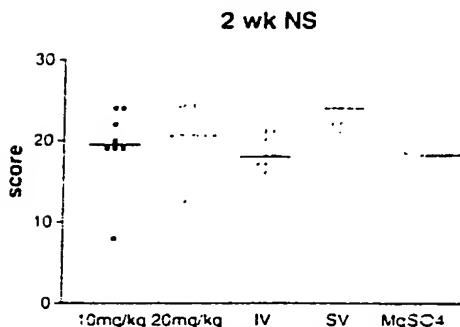
**Composite Neuroscore. All injured groups different to sham up to 2 wks.**  
**1 wk NS**



All groups different to Sham but not to each other.

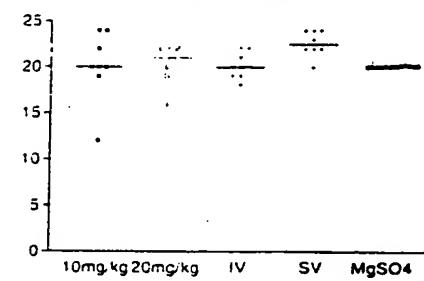


All groups different to Sham but not to each other.



All groups different to Sham but not to each other.

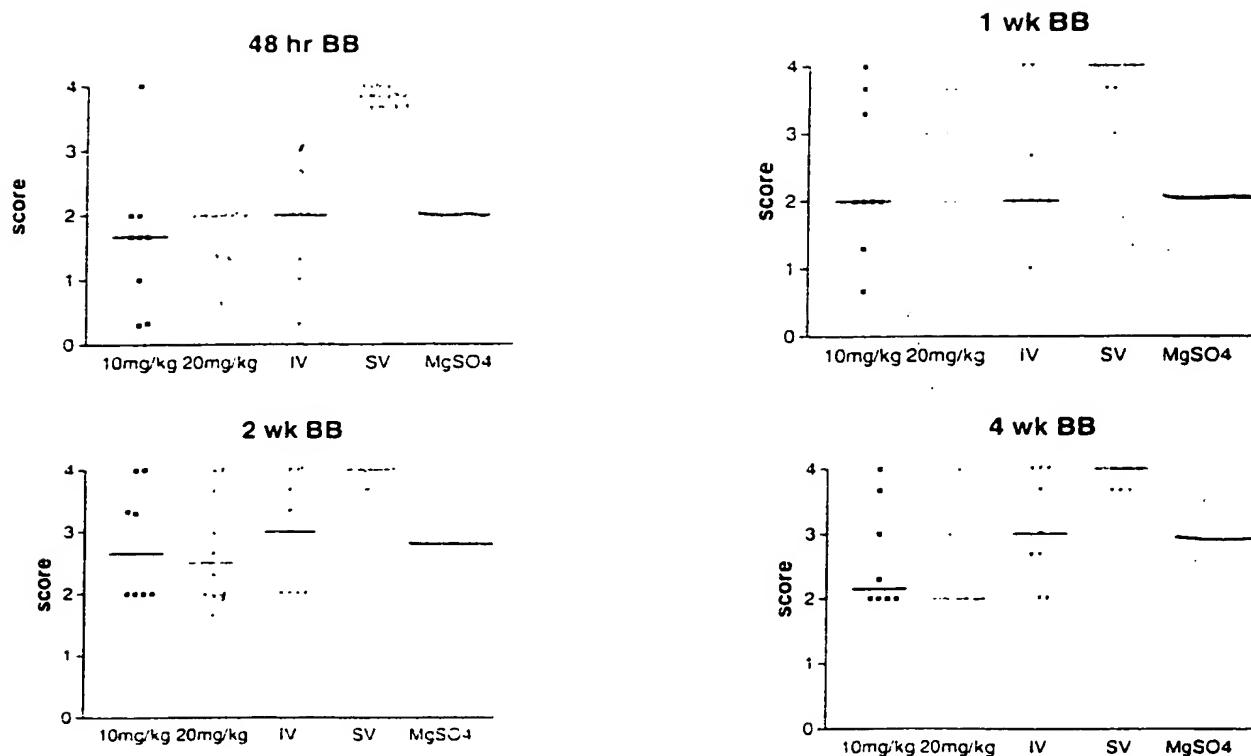
**4 wks NS**



All groups similar.

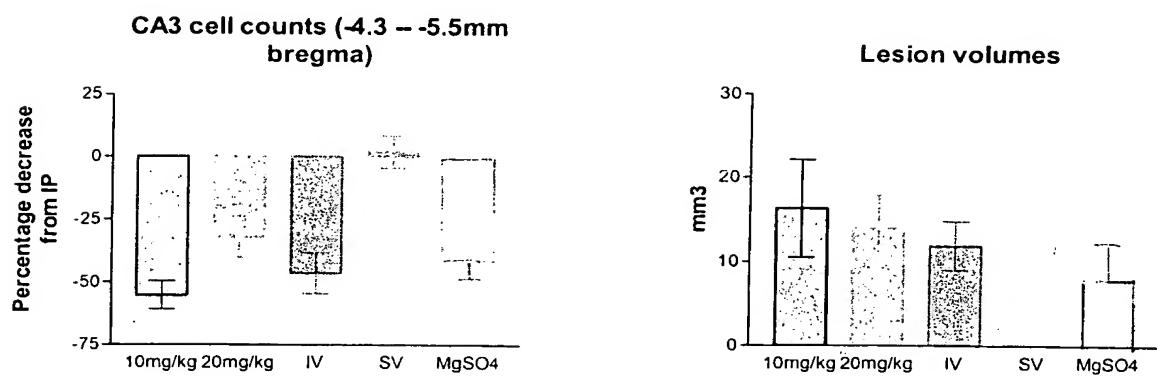
**Figure 12**

### **Beam Balance**



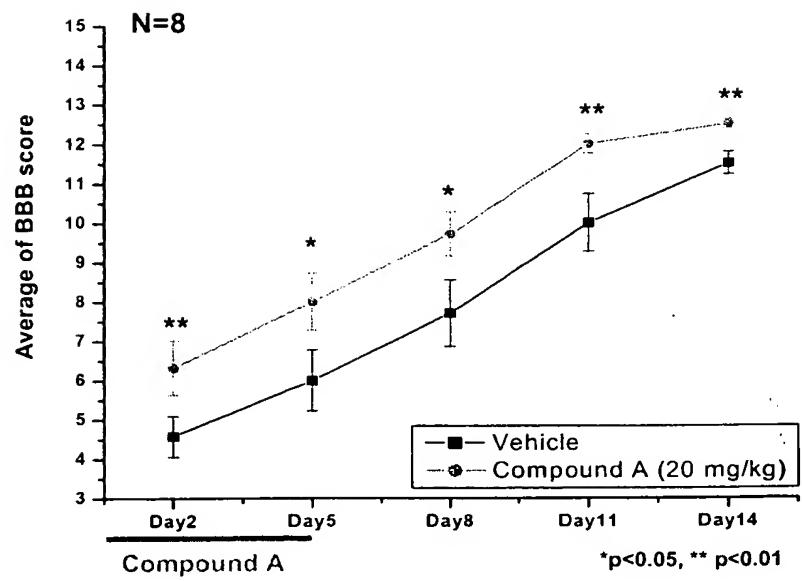
**Figure 13**

**CA3 Cell counts and Lesion Volume: All injured groups different from sham but not each other.**



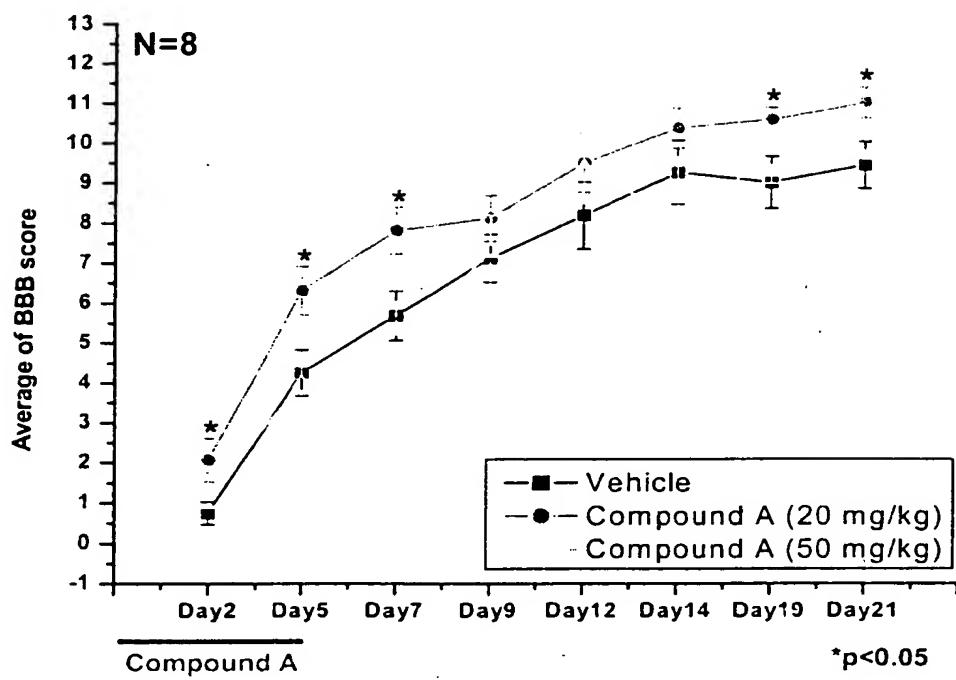
**Figure 14**

**Figure 15**  
**T8 hemisection 14 day study (Study 1)**



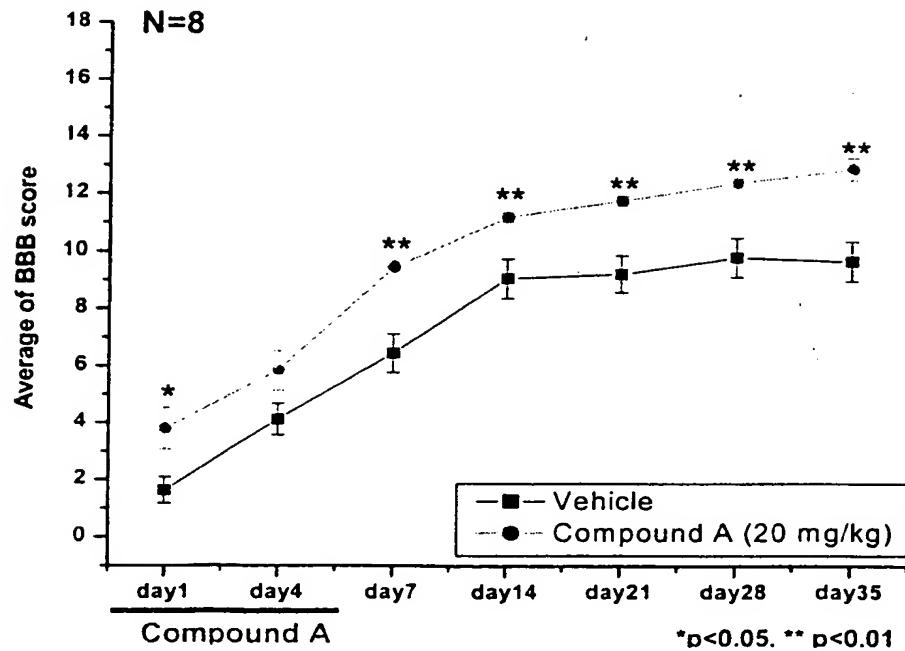
**Figure 15** Average of BBB score after dorsal hemisection lesion (1.5 mm in depth from dorsal surface).

**T8 over-hemisection 21 day study**



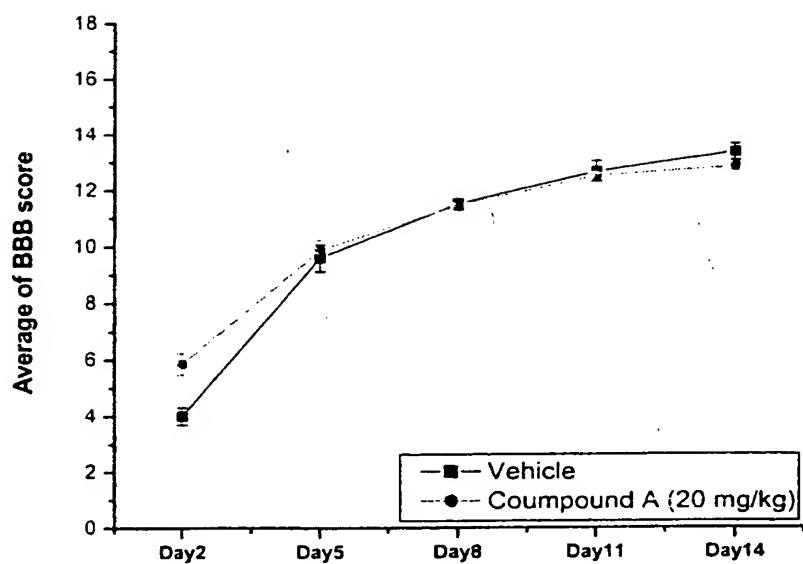
**Figure 16**

**T8 overhemisection 5 week study**

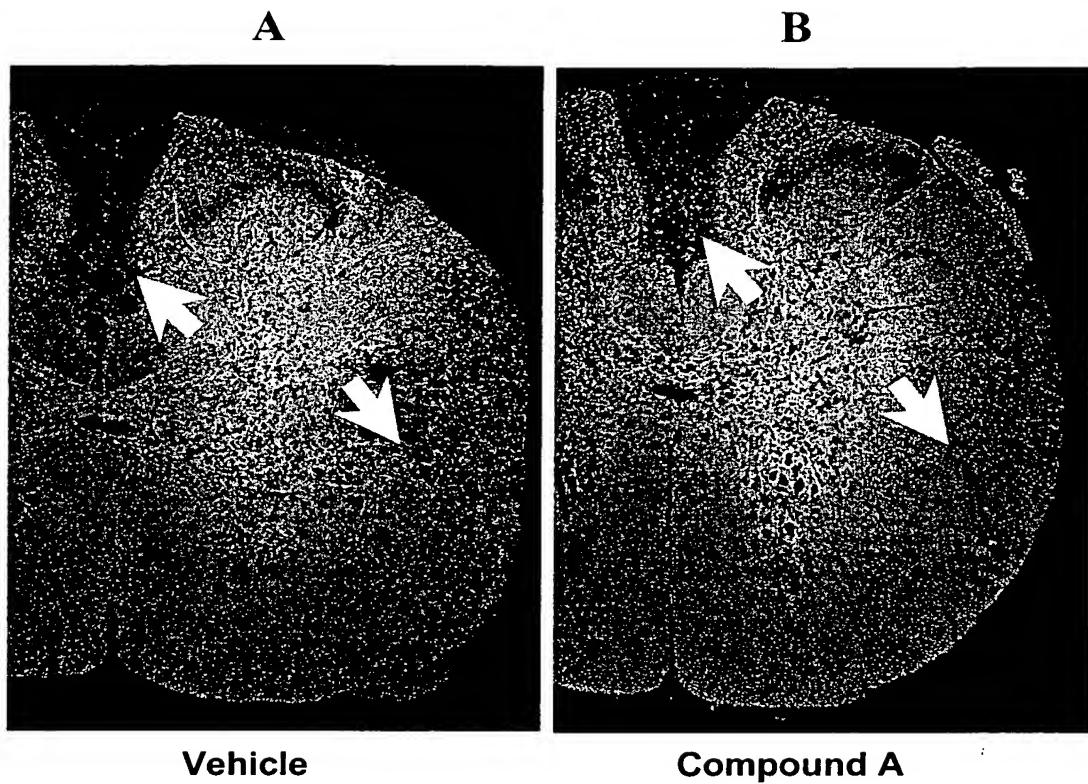


**Figure 17**

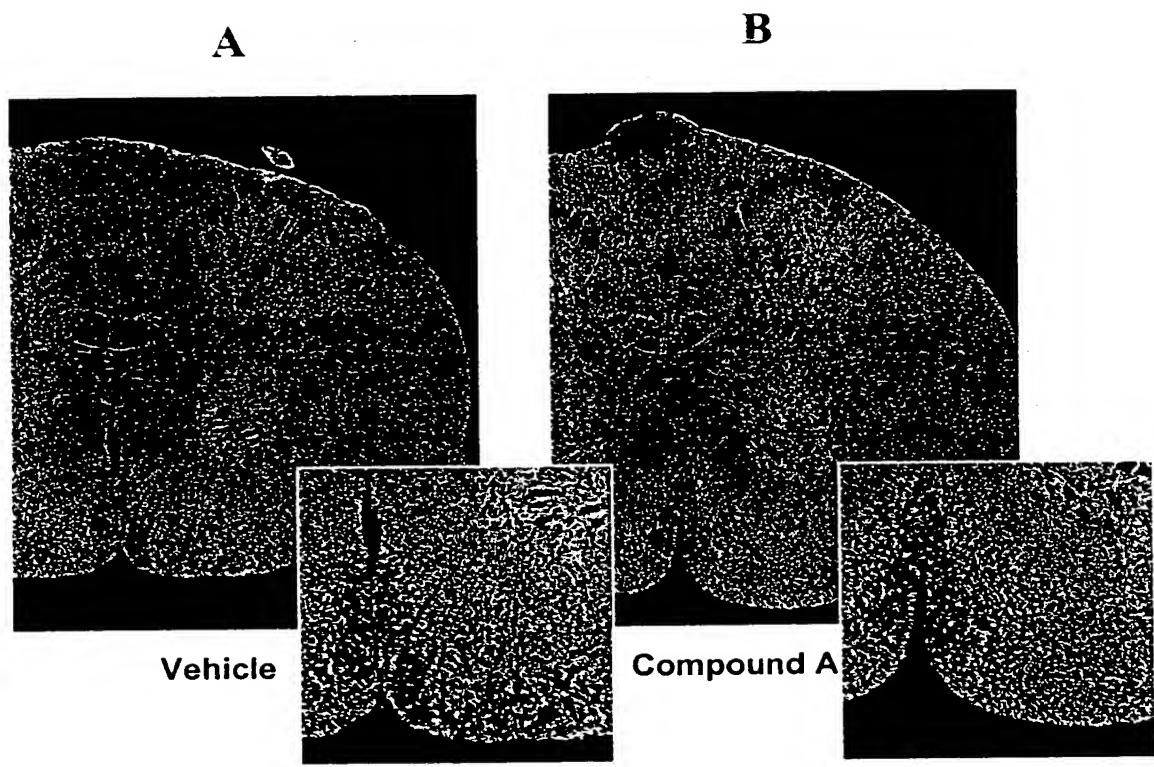
**Contusion model 14 day study**



**Figure 18**



**Figure 19**



**Figure 20**

**Figure 21**

